



GP- 2857 \$

PTO/SB/89 (8/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**CONTINUED PROSECUTION APPLICATION (CPA)  
REQUEST TRANSMITTAL**Submit an original, and a duplicate for fee processing.  
(Only for Continuation or Divisional applications under 37 C.F.R. § 1.53(d))

CHECK BOX, if applicable:

☐ DUPLICATE

Address to:

Assistant Commissioner for Patents  
Box CPA  
Washington, DC 20231

Attorney Docket No. of Prior Application	PD-960421
First Named Inventor	KURT REISER ET AL.
Examiner Name	K. P. Patterson
Group / Art Unit	2857
Express Mail Label No.	EE389575222US

This is a request for a ☒ continuation or ☐ divisional application under 37 C.F.R. § 1.53(d),  
(continued prosecution application (CPA)) of prior application number 08 / 996,776,  
filed on 12/23/1997, entitled AUTOMATIC LEARNING OF BELIEF FUNCTIONS.

**NOTES**

**FILING QUALIFICATIONS:** The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 C.F.R. § 1.51(b), or (2) the national stage of an international application in compliance with 35 U.S.C. 371. A Notice will be placed on a patent issuing from a CPA, except for reissues and designs, to the effect that the patent issued on a CPA and is subject to the twenty-year patent term provisions of 35 U.S.C. § 154(a)(2). Therefore, the prior application of a CPA may have been filed before, on or after June 8, 1995.

**C-I-P NOT PERMITTED:** A continuation-in-part application cannot be filed as a CPA under 37 C.F.R. § 1.53(d), but must be filed under 37 C.F.R. § 1.53(b).

**EXPRESS ABANDONMENT OF PRIOR APPLICATION:** The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 C.F.R. § 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned.

**ACCESS TO PRIOR APPLICATION:** The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 C.F.R. § 1.14 to access to, copies of, or information concerning, the prior application may be given similar access to, copies of, or similar information concerning, the other application or applications in the file jacket.

**35 U.S.C. 120 STATEMENT:** In a CPA, no reference to the prior application is needed in the first sentence of the specification and none should be submitted. If a sentence referencing the prior application is submitted, it will not be entered. A request for a CPA is the specific reference required by 35 U.S.C. 120 and to every application assigned the application number identified in such request, 37 C.F.R. § 1.78(a).

1. ☐ Enter the unentered amendment previously filed on \_\_\_\_\_  
under 37 C.F.R. § 1.116 in the prior nonprovisional application.
2. ☐ A preliminary amendment is enclosed.
3. This application is filed by fewer than all the inventors named in the prior application, 37 C.F.R. § 1.53 (d)(4).
  - a. ☐ **DELETE** the following inventor(s) named in the prior nonprovisional application:  
07/21/1999 MARCEL 00000006 500616 08996776  
01 FC:101 760.00 CH
  - b. ☐ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.
4. ☐ A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.
5. Information Disclosure Statement (IDS) is enclosed:
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations

RECEIVED

JUL 22 1999

TECHNOLOGY CENTER 2800

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box CPA, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 C.F.R. § 1.16(c) or (j))	14	-20* =		x \$ _____ =	\$ 760.00
INDEPENDENT CLAIMS (37 C.F.R. § 1.16(b) or (i))	2	-3** =		x \$ _____ =	
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 C.F.R. § 1.16(d))				+ \$ _____ =	
				BASIC FEE (37 C.F.R. § 1.16)	\$ 760.00
				Total of above Calculations =	
Reduction by 50% for filing by small entity (Note 37 C.F.R. §§ 1.9, 1.27 & 1.28).					
* Reissue claims in excess of 20 and over original patent. ** Reissue independent claims over original patent.				TOTAL =	\$ 760.00

## 6. Small entity status:

- a. ☐ A small entity statement is enclosed, if (b) and (c) do not apply.  
b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.  
c. ☐ Is no longer claimed.

7. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 50 - 0616:

- a. ☒ Fees required under 37 C.F.R. § 1.16.  
b. ☐ Fees required under 37 C.F.R. § 1.17.  
c. ☐ Fees required under 37 C.F.R. § 1.18.

8. ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed.9. ☒ New Attorney Docket Number, if desired PD-960421A

[Prior application Attorney Docket Number will carryover to this CPA unless a new Attorney Docket Number has been provided herein.]

- 10 a. ☐ Receipt For Facsimile Transmitted CPA (PTO/SB/29A)  
b. ☒ Return Receipt Postcard (Should be specifically itemized, See MPEP 503)  
11. ☐ Other: \_\_\_\_\_

RECEIVED

JUL 22 1999

TECHNOLOGY CENTER 2800

**NOTE:**The prior application's correspondence address will carry over to this CPA  
UNLESS a new correspondence address is provided below.

## 12. NEW CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Labelor ☐ New correspondence address below

(Insert Customer No. or Attach bar code label here)

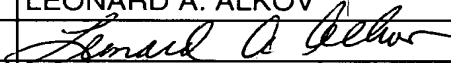
Name	PATENT DOCKET ADMINISTRATION				
	RAYTHEON COMPANY				
Address	P.O. Box 902				
	2000 E. El Segundo Boulevard				
City	El Segundo	State	CA	Zip Code	90245-0902
Country	U.S.A.	Telephone	(310) 647-2577	Fax	(310) 647-2616

## 13. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type)

LEONARD A. ALKOV

Signature



Registration No. (Attorney/Agent)

30,021

Date

JULY 16, 1999